

Receipt date: 05/21/2010
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Substitute for form 1449/PTO

Page 1 of 5

Application Number	10/589599
Filing Date	02-10-2007
First Named Inventor	Fuller, Edward Nelson
Art Unit	
Examiner Name	
Attorney Docket Number	24872

NON-PATENT LITERATURE DOCUMENTS

Examiner Cite
Initials No.

	1	BOOTH, STEVE AND KAINA, RACHID, Fluid Handling – Big Gains from Tiny Valve, Appliance Design (April 2008), pages 46-48.	
	2	Controls Overview for Microstaq Silicon Expansion Valve (SEV), Rev. 1, December 2008, http://www.microstaq.com/pdf/SEV_controls.pdf , accessed May 17, 2010.	
	3	COPELAND, MICHAEL V., Electronic valves promise big energy savings, FORTUNE (September 9, 2008), http://techland.blogs.fortune.cnn.com/2008/09/09/electronic-valves-promise-big-energy-savings , accessed September 9, 2008.	
	4	HIGGINBOTHAM, STACEY, Microstaq's Tiny Valves Mean Big Energy Savings, http://earth2tech.com/2008/09/09/microstaqs-tiny-valves-mean-big-energy-savings (posted December 8, 2008), accessed September 9, 2008.	
	5	KEEFE, BOB, Texas firm says value-replacing chip can drastically cut energy use, Atlanta Metro News (September 10, 2008), http://www.ajc.com/search/content/shared/money/stories/2008/09/microstaq10_cox-F9782.html , accessed September 10, 2008.	
	6	LUCKEVICH, MARK, MEMS microvalves: the new valve world, Valve World (May 2007), pages 79-83.	
	7	MEMS, Microfluidics and Microsystems Executive Review, http://www.memsinvestorjournal.com/2009/04/mems-applications-for-flow-control-.html , accessed May 17, 2010.	
	8	Microstaq Announces High Volume Production of MEMS-Based Silicon Expansion Valve, http://www.earthtimes.org/articles/printpresstory.php?news+1138955 (posted January 27, 2010), accessed January 27, 2010.	
	9	Microstaq Product Description, Proportional Direct Acting Silicon Control Valve (PDA-3), http://www.microstaq.com/products/pda3.html , accessed May 17, 2010.	
	10	Microstaq Product Description, Proportional Piloted Silicon Control Valve (CPS-4), http://www.microstaq.com/products/cps4.html , accessed May 17, 2010.	
	11	Microstaq Product Descriptions, SEV, CPS-4, and PDA-3, http://www.microstaq.com/products/index.html , accessed May 17, 2010.	
	12	Microstaq Technology Page, http://www.microstaq.com/technology/index.html , accessed May 17, 2010.	
	13	Press Release, Freescale and Microstaq Join Forces on Smart Superheat Control System for HVAC and Refrigeration Efficiency, http://www.microstaq.com/pressReleases/prDetail_04.html (posted January 22, 2008), accessed May 17, 2010.	
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.R./			

Receipt date: 05/27/2010

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Substitute for form 1449/PTO

Page 2 of 5

Application Number	10/589599
Filing Date	02 Jul 2007
First Named Inventor	Fuller, Edward Nelson
Art Unit	
Examiner Name	
Attorney Docket Number	24872

- | | |
|----|---|
| 14 | Press Release, Microstaq Mastering Electronic Controls for Fluid-Control Industry, http://www.microstaq.com/pressReleases/prDetail_02.html (posted May 5, 2005), accessed May 17, 2010. |
| 15 | Press Release, Microstaq Unveils Revolutionary Silicon Expansion Valve at Demo 2008, http://www.microstaq.com/pressReleases/prDetail_05.html (posted September 8, 2008), accessed May 17, 2010. |
| 16 | Press Release, Nanotechnology Partnerships, Connections Spur Innovation for Fluid Control Industries, http://www.microstaq.com/pressReleases/prDetail_03.html (posted June 9, 2005), accessed May 17, 2010. |
| 17 | Product Review, greentechZONE Products for the week of May 18, 2009, http://www.genius.net/site/zones/greentechZONE/product_reviews/grnp_051809 , accessed May 17, 2010. |
| 18 | SEV Installation Instructions, http://www.microstaq.com/pdf/SEV_Instruction_sheet.pdf , accessed May 17, 2010. |
| 19 | Silicon Expansion Valve (SEV) – For Heating, Cooling, and Refrigeration Applications, http://www.microstaq.com/pdf/SEV_Quicksheet.pdf , accessed May 17, 2010. |
| 20 | Silicon Expansion Valve Data Sheet, http://www.microstaq.com/pdf/SEV_Datasheet_1_8.pdf , accessed May 17, 2010. |
| 21 | Silicon Expansion Valve Information Sheet, http://www.microstaq.com/pdf/SEV_Infosheet_2_0.pdf , accessed May 17, 2010. |
| 22 | SMIC Announces Successful Qualification of a MEMS Chip for Microstaq, http://www.prnewswire.com/news-releases/smic-announces-successful-qualification-of-a-mems-chip-for-microstaq-65968252.html (posted October 26, 2009), accessed May 17, 2010. |
| 23 | SMIC qual Microstaq MEMS chip for fluid control, http://www.electroiQ.com/ElectroiQ/en-us/index/display/Nanotech_Article_Tools_Template.articles.small-times.nanotechmems.mems.microfluidics.2009.10.smic-quals_microstaq.html , (posted October 26, 2009), acc |
| 24 | Tiny Silicon Chip Developed by Microstaq Will Revolutionize Car Technology, http://www.nsti.org/press/PRshow.html?id=160 (posted May 19, 2005), accessed May 19, 2005. |
| 25 | TURPIN, JOANNA R., Soft Economy, Energy Prices Spur Interest in Technologies, http://www.achrnews.com/copyright/BNP_GUID_9-5-2006_A_1000000000000483182 , accessed May 18, 2010. |
| 26 | UIBEL, JEFF, The Miniaturization of Flow Control (Article prepared for the 9th International Symposium on Fluid Control Measurement and Visualization (FLUCOME 2007)), Journal of Visualization (Vol. 11, No. 1, 2008), IOS Press. |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.R./

Receipt date: 05/24/2011
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Substitute for form 1449/PTO

Page 3 of 5

Application Number	10/589599
Filing Date	02-Jul-2007
First Named Inventor	Fuller, Edward Nelson
Art Unit	
Examiner Name	
Attorney Docket Number	24872

Examiner Signature	/Andrew Rost/	Date Considered	02/12/2011
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.R./